



## Project Goals

- Learn how to create a bike share system
- Analyze whether Worcester is a good candidate for a bike share system
- Create criteria Worcester must meet
- Create a system for Worcester for when it does meet the criteria

## PROBLEM

Cars are currently the main form of transportation in Worcester, Massachusetts

## WHY?

Not Friendly for the Environment

Not Economical

Not Healthy for the Local Residents

## Criteria for Bike Share Program

- Safe places to ride
- Network of potential supporters and sponsors
  - Bike education programs
  - Funding
- Rider interest
  - Young people
- Tourist activities and destinations
- Downtown destinations

## Cost of Station With 9-10 Bikes

Initial Purchase, Launch, and First Year Operations	Operation Per Year
\$75,000-\$100,000	\$24,000-\$31,000

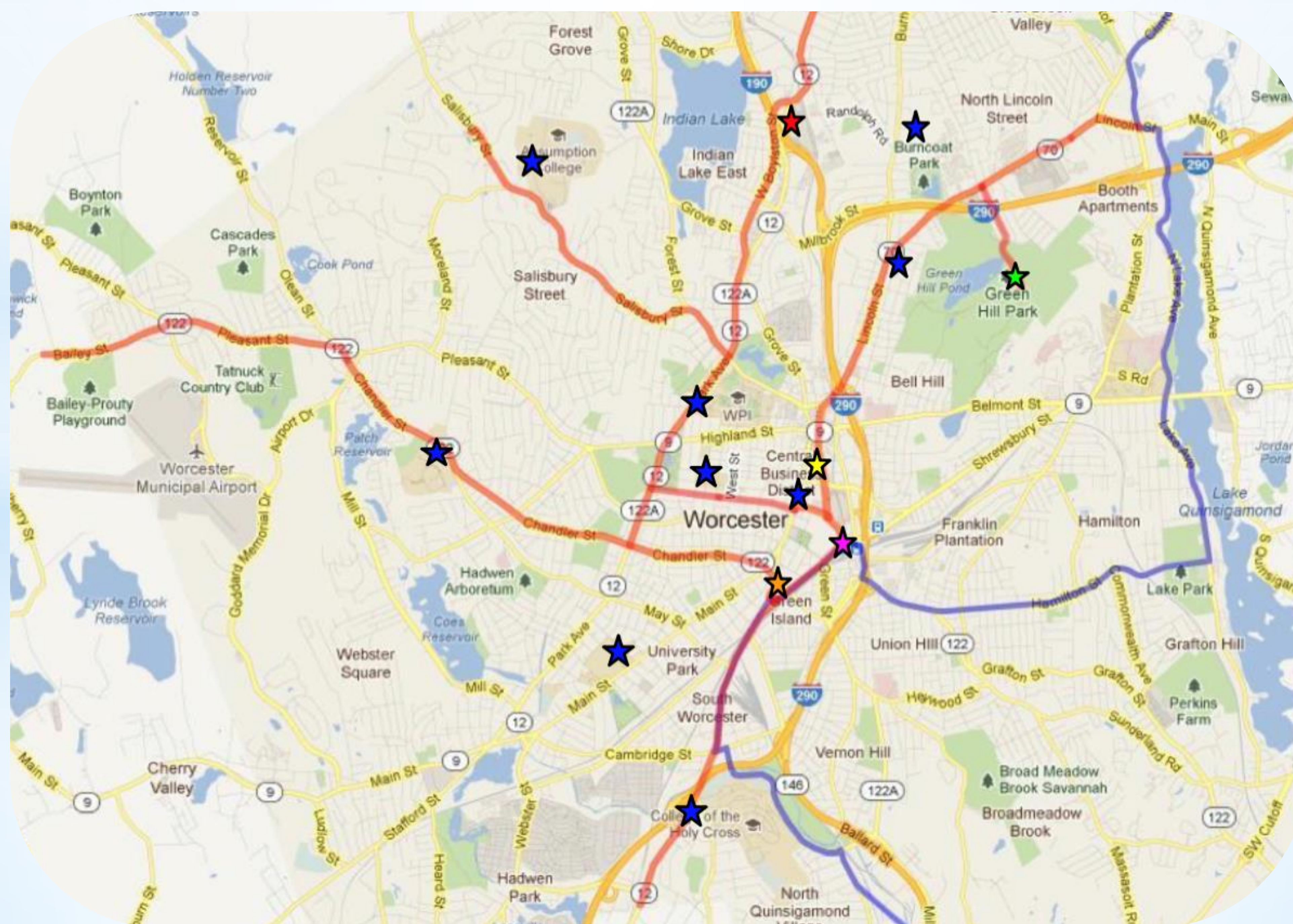
Phil Goff via email correspondence



## Usage and Membership Fees

24-Hours	\$7
3-Days	\$15
Monthly Membership	\$25
Annual Membership	\$85

## Proposed Bike Lanes and Bike Share System Locations











## SOLUTION

- Make a bike share system in Worcester that is accessible to college students and residents
- Assess the conditions that are needed for the system to be successful

## OUTCOMES

- Reduces the amount of carbon emitted
- Convenient and feasible means of exercise
- Less expensive than driving

					
Greendale Mall	Public Library	DCU Center	Green Hill Park	College Campuses	Union Station

	
East Coast Greenway Bike Paths	Ideal Bike Paths

## References

- Capizzio, R., Hunter, F., Martin, D., & Miller, L. (2012, March 2). A Bikeway Network for the City of Worcester. Retrieved November 23, 2014, from <http://www.wpi.edu/Pubs/E-project/Available/E-project-031212-075939/unrestricted/IQP-WorcBike.pdf>
- WPI Inst Prim BLK. <https://www.wpi.edu/offices/marketing/logos.html>